

Sub C 3 cont.

~~NO₂, XNHR⁴, XNR⁴R^{4'}, XNHSO₂R⁴, XN(SO₂R⁴)SO₂R^{4'}, XNR⁴SO₂R^{4'}, R⁴,~~
~~whereby two substituents at R², if they are in ortho-position to one another,~~
~~can be linked to one another in such a way that they jointly form~~
~~methanediylbisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-~~
~~diyl.~~

M

4. Benzimidazoles according to claim 1, wherein
 R^3 means one or two substituents, which, independently of one another, can be:
hydrogen, F, Cl, Br,
XOH, XOR⁴, XCOCOR⁴, XOCOCONHR⁴, XOCOO⁴,
XCOR⁴, XC(NOH)R⁴, XC(NOR⁴)R⁴, XC(NO(COR⁴))R^{4'},
XCN, XSR⁴, XSOR⁴, XSO₂R⁴, SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R^{4'},
NO₂, XNH₂, XNHR⁴, XNR⁴N^{4'},
XNHSO₂R⁴, XNR⁴SO₂R^{4'}, XN(SO₂R⁴)SO₂R^{4'},
XNHCOR⁴, XNHCOOR⁴, XNHCONHR⁴, or R⁴, whereby two substituents R^3 , if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, or butane-1,4-diyl.

5. Benzimidazoles according to claim 1, wherein
 R^4 and $R^{4'}$, independently of one another, mean CF₃, C₂F₅, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₃₋₆ cycloalkyl, (C₁₋₃ alkyl-C₃₋₆ cycloalkyl), phenyl or 5- to 6-membered heteroaryl with 1-2 N, S or O atoms, whereby the phenyl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F, Cl, Br, CH₃, C₂H₅, OCH₃, OC₂H₅, CF₃, C₂F₅,
and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C₁₋₃ alkyl or C₁₋₃ alkanoyl.

Sub C₃ con.

M

6. Benzimidazoles according to claim 1, wherein
 R^5 and $R^{5'}$, independently of one another, can be C_{1-6} alkyl,
whereby a carbon atom can be exchanged for O, NH, N C_{1-3} alkyl, N C_{1-3} alkanoyl,
 C_{3-7} cycloalkyl- C_{0-3} alkyl, whereby in a 5-membered
cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-
membered cycloalkyl ring, one or two ring members can be N and/or O,
whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl, whereby the mentioned C_{1-6} alkyl part can be substituted with one
of the previously mentioned cycloalkyls or else a 5- to 6-membered
heteroaromatic compound with 1-2 heteroatoms, selected from N, S or O,
whereby all previously mentioned alkyl and cycloalkyl parts can be
substituted with up to two substituents that consist of CF_3 , OH, O C_{1-3} alkyl,
and the previously mentioned heteroaryl groups with one or two substituents
that consist of F, Cl, CF_3 , CH_3 , C_2H_5 , OCH_3 , OC_2H_5 , or R^5 and $R^{5'}$ together
with the nitrogen atom form a 5- to 7-membered heterocyclic compound,
which can contain another oxygen, nitrogen or sulfur atom and can be
substituted with C_{1-4} alkyl, C_{1-4} alkoxy- C_{0-2} alkyl, C_{1-4} alkoxy-carbonyl,
aminocarbonyl or phenyl.

7. Benzimidazoles according to claim 1, wherein
 A means C_{1-10} alkanediyl, C_{2-10} alkenediyl, C_{2-10} alkinediyl, (C_{0-5} alkanediyl- C_{3-7}
cycloalkanediyl- C_{0-5} alkanediyl), whereby in a 5-membered cycloalkyl ring, a
ring member can be an N or an O, or in a 6- or 7-membered cycloalkyl ring,
one or two ring members can be N and/or O, whereby ring nitrogens
optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl,
whereby in the above-mentioned aliphatic chains, a carbon atom or two
carbon atoms can be exchanged for O, NH, N C_{1-3} alkyl, or N C_{1-3} alkanoyl.

*Sub
C3
cont.*

8. Benzimidazoles according to claim 1, wherein
B means COOH, COOR⁵, CONH₂, CONHR⁵, CONR⁵R⁵, CONHOH,
CONHOR⁵ or tetrazolyl,
in each case bonded to a carbon atom of group **A**.

9. Benzimidazoles according to claim 1, wherein
X means a bond or methylene.

10. Benzimidazoles according to claim 1, wherein
Y means O.

*Sub
C5
ester*

12. 6-[[2-Phenyl-1-(3-pyridyl)-1H-benzimidazol-5-yl]oxy]hexanoic acid methyl ester
6-[[2-phenyl-1-(3-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester
6-[[2-phenyl-1-(4-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester
6-[[2-(4-fluoro-phenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester
6-[[2-(4-methoxyphenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester
6-[[2-(4-bromophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester
6-[[2-[4-(trifluoromethyl)phenyl]-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester
6-[[1-phenyl-2-(benzothien-2-yl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester
6-[[1-phenyl-2-(benzothien-2-yl)-1H-benzimidazol-6-yl]oxy]hexanoic acid
6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester
6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

~~6-[[5-methoxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester~~

~~6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[5-methoxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[5-[(4-chlorophenyl)sulfonyl]amino]-1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[5-[(4-chlorophenyl)sulfonyl]amino]-2-(4-fluorophenyl)-1-(4-methoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[5-[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-(4-methoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~4-[[5-[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]butanoic acid methyl ester~~

~~5-[[5-[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester~~

~~5-[[5-[(4-chlorophenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester~~

~~6-[[5-[(4-trifluoromethyl)phenyl]sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[5-[(4-chlorophenyl)sulfonyl]methylamino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid~~

~~6-[[1-(3-fluorophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[2-(4-nitrophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-phenyl-2-(3-pyridinyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~N-(cyclopropylmethoxy)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

~~N-isobutoxy-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

*Sus
C5
cont.*

~~N-(cyclopropylmethoxy)-6-[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-isobutoxy-6-[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-(2-methoxyethyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

~~N-(3-methoxypropyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

~~N-isobutyl-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

~~6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]-1-morpholin-1-ylhexan-1-one~~

~~N,N-di(-2-methoxyethyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

~~N-isopentyl-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

~~N-(pyridin-2-yl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

~~N-(pyridin-3-yl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide~~

~~N-isopropyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N,N-dimethyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N,N-diethyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-isobutyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-cyclopropyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-cyclobutyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-tert-butyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~(R)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]1-(2-methoxymethyl)-pyrrolidin-1-ylhexan-1-one~~

~~N-(3-imidazol-1-yl-propyl)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-(2-pyridin-2-ylethyl)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide~~

~~N-(3-methoxypropyl)-6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]heptanamide~~

~~6-[[1-(4-methylphenyl)-2-(3-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(4-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(3-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[2-(3-indolyl)-1-(4-methylphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(2-furyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(3-furyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(5-methyl-2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester~~

~~6-[[1-(4-methylphenyl)-2-(3-methyl-2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester,~~

each a compound of claim 1.

13. Use of a compound according to claim 1 for the production of a pharmaceutical agent for treating or preventing diseases that are associated with a microglia activation.

14. Pharmaceutical agent, wherein it contains one or more compounds according to claim 1 and one or more vehicles.

B₂
R²

17. Use according to claim 15, whereby in general formula II,
means a monocyclic or bicyclic aryl group or a monocyclic or bicyclic 5- to
10-membered heteroaryl group with 1-2 heteroatoms selected from the group
that consists of N, S or O, whereby the mentioned aryl group or heteroaryl
group can be substituted with up to three of the following substituents,
independently of one another:

F, Cl, Br, XOH, XOR⁴, XOCOR⁴, XOCONHR⁴, XOCOOR⁴,
XCOR⁴, XC(NOH)R⁴,
XC(NOR⁴)R⁴, XC(NO(COR⁴))R⁴, XCN, XCOOH, XCOOR⁴, XCONH₂,
XCONR⁴R⁴,
XCONHR⁴, XCONHOH, XCONHOR⁴, XCOSR⁴, XSR⁴, XSOR⁴, XSO₂R⁴,
SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R⁴, NO₂, XNH₂, XNHR⁴, XNR⁴R⁴,
XNHSO₂R⁴,
XN(SO₂R⁴)(SO₂R⁴'), XNR⁴SO₂R⁴', XNHCOR⁴, XNHCOOR⁴,
XNHCONHR⁴, R⁴,

whereby two substituents at R², if they are in ortho-position to one another,
can be linked to one another in such a way that they jointly form
methanediylbisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-
diyl.

18.

Use according to claim 15, whereby in general formula II

R³

stands for one or two substituents, which independently of one another,

mean:

hydrogen,

F, Cl, Br, XOH, XOR⁴, XOCOR⁴, XOCONHR⁴,

XOCOOR⁴, XCOR⁴, XC(NOH)R⁴, XC(NOR⁴)R⁴, XC(NO(COR⁴))R⁴,

XCN, XSR⁴, XSOR⁴, XSO₂R⁴, SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R⁴, NO₂,

XNH₂, XNHR⁴, XNR⁴R⁴, XNHSO₂R⁴, XNR⁴SO₂R⁴', XN(SO₂R⁴)(SO₂R⁴'),

XNHCOR⁴, XNHCOOR⁴, XNHCONHR⁴, or R⁴, whereby two substituents

R³, if they are in ortho-position to one another, can be linked to one another

Joh B2
cont

in such a way that they jointly form methanediylbisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-diyl.

A3

19. Use according to claim 15, whereby in general formula II R^4 and $R^{4'}$, independently of one another, mean CF_3 , C_2F_5 , C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkinyl, C_{3-6} cycloalkyl, (C_{1-3} alkyl- C_{3-6} cycloalkyl), C_{1-3} alkylaryl, C_{1-3} alkylheteroaryl, monocyclic aryl or 5- to 6-membered heteroaryl with 1-2 N, S or O atoms, whereby the aryl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F, Cl, Br, CH_3 , C_2H_5 , NO_2 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 or else can carry an annelated methanediylbisoxo or ethane-1,2-diylbisoxo group, and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl.

20. Use according to claim 15, whereby in general formula II R^5 and $R^{5'}$, independently of one another, can be C_{1-6} alkyl, whereby a carbon atom can be exchanged for O, NH, N C_{1-3} alkyl, N C_{1-3} alkanoyl, C_{3-7} cycloalkyl- C_{0-3} alkyl, whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl, whereby the mentioned C_{1-6} alkyl part can be substituted with one of the previously mentioned cycloalkyls or else a 5- to 6-membered heteroaromatic compound with 1-2 heteroatoms, selected from the group that consists of N, S or O, whereby all previously mentioned alkyl and cycloalkyl parts can be substituted with up to two substituents that consist of CF_3 , OH, O C_{1-3} alkyl, and the previously mentioned heteroaryl groups can be substituted with one or two substituents that consist of F, Cl, CF_3 , CH_3 , C_2H_5 , OCH_3 , OC_2H_5 ,

*B2
Cnd*

or R⁵ and R^{5'} together with the nitrogen atom form a 5- to 7-membered heterocyclic compound, which can contain another oxygen, nitrogen or sulfur atom and can be substituted with C₁₋₄ alkyl, C₁₋₄ alkoxy-C₀₋₂ alkyl, C₁₋₄ alkoxy-carbonyl, aminocarbonyl or phenyl.

H3

21. Use according to claim 15, whereby in general formula II

A means C₁₋₁₀ alkanediyl, C₂₋₁₀ alkenediyl, C₂₋₁₀ alkinediyl, (C₀₋₅ alkanediyl-C₃₋₇ cycloalkanediyl-C₀₋₅ alkanediyl), or (C₀₋₅ alkanediyl-heteroarylene-C₀₋₅ alkanediyl), whereby an optionally present heteroaryl group can be substituted with one or two substituents that consist of F, Cl, Br, CH₃, C₂H₅, NO₂, OCH₃, OC₂H₅, CF₃, C₂F₅, and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C₁₋₃ alkyl or C₁₋₃ alkanoyl, whereby in an aliphatic chain, a carbon atom or two carbon atoms can be exchanged for O, NH, N C₁₋₃ alkyl, N C₁₋₃ alkanoyl, NSO₂ C₁₋₃ alkyl, and whereby alkyl or cycloalkyl parts can be substituted with up to two F atoms or one of the substituents that consists of OH, O C₁₋₃ alkyl, O C₁₋₃ alkanoyl, =O, NH₂, NH C₁₋₃ alkyl, N (C₁₋₃ alkyl)₂, NH C₁₋₃ alkanoyl, N (C₁₋₃ alkyl) (C₁₋₃ alkanoyl), NHCOO C₁₋₃ alkyl, NHCONH C₁₋₃ alkyl, NHSO₂ C₁₋₃ alkyl, SH, S C₁₋₃ alkyl.

22. Use according to claim 15, whereby in general formula II

B means hydrogen, OH, OCOR⁵, OCONHR⁵, OCOOR⁵, COOH, COOR⁵, CONH₂, CONHR⁵, CONR⁵R^{5'}, CONHOH, CONHOR⁵, or tetrazolyl, in each case bonded to a carbon atom of group A.

23. Use according to claim 15, whereby in general formula II,

X means a bond or CH₂.

H3
and B₂ cont

24. Use according to claim 15, whereby in general formula II,
Y means a bond, O, S, NH, NR⁴, NCOR⁴ or NSO₂R⁴.